

IN THE SPECIFICATION

Please replace paragraph [0035] with the following text:

--[0035] However, given the capabilities of this system, a preferred set of information is: 1) the procedure being done, and 2) the patient weight. This way the contrast dose could be optimized for the patient. The algorithm would have been previously provided information on milligrams of iodine per kilogram of patient for each procedure when the system was first installed in the hospital. It could display concentration, flow rate and volume for operator verification, if the operator desired. An electronic interface 36 is shown which can connect to the hospital information system HIS 100 to get information on the patient, such as weight. Then the operator would only have to input the patient number. The electronic interface 36 could also be connected to the imaging unit IU 90 equipment and the pressurizing unit 25. It could send or receive information so that, for instance, the operator only needs to program the CT scanner with the number of slices and the body section, and this would be transmitted to the contrast delivery system to be used in determining flow rates and delays. The electronic interface 36 would also be used to let the scanner trigger the contrast delivery system or vice versa, after the appropriate delays. A hard copy printer may be optionally part of the user interface, receiving data from the ECS 35. This can print a record of the actual injection for insertion into the patient records. The output may be alphanumeric or be a graphical representation of the injection.--